

Administrative Issues



EECS4315 Z: Mission-Critical
Systems
Winter 2023

CHEN-WEI WANG

- How may you call me?
“Jackie” (most preferred),
“Professor Jackie”, “Professor”, “Professor Wang”, “Sir”, “Hey”, “Hi”, “Hello”
- When you need **advice** on the course, speak to me!
- There will be a bonus opportunity for you to fill out an informal, anonymous **midterm course survey** during the reading week.
- Throughout the semester, feel free to suggest ways for helping your learning.

If You Are Not Enrolled Yet

- Send me an email ASAP requesting access to the course eClass site, with your *name*, *student number*, *Passport York ID*.
- Still keep up with the study materials.
- Still complete assignments and tests (*no extension*).

Mask Policy

- As of now, the university does **not** require us to wear masks.
- However, for the safety of your instructor and classmates, please **do** consider:
 - Wearing a mask
 - **Minimizing** talking if you decide **not** to wear a mask
 - **Minimizing** the consumption of food or drink
- ***When you visit my office in-person, I'd be grateful if you can wear a mask.***

Class Protocol

- Talking
- Using mobile phones
 - ⇒ *distracting, disrespectful* to everyone
- If you cannot stop talking or using mobile, please *leave to do it*.
- Slides are *self-contained*, so I may not read them off.
- I will focus on core concepts, examples
- Your *engagement* is the key: ask *questions*!

Writing E-Mails to Your Instructor

- Think of me as your *colleague* who is happy to help you learn.
 - *formality* is unnecessary
 - *courtesy* is expected
- This sounds *very rude* (and may be delayed, if not ignored):

```
On the link you sent us for our mark  
my mark for lab0 did not appear on it  
and i submitted lab0 during my lab session
```

- This sounds *much nicer*:

```
Hello Jackie, the link you sent didn't work.  
I did submit my lab0. Could you please look into this?  
Thanks! Jim
```

- A single eClass site:
 - *LE/EECS4315 Z - Mission-Critical Systems (Winter 2022-2023)*
 - Announcements
 - Labs [instructions only]
 - Written Tests [instructions & submissions]
- Check your emails regularly!

Required Study Materials

- Lecture materials (recordings, iPad notes, slides, example codes) will be posted on my website for you to **re-iterate concepts and examples**:

`https://www.eecs.yorku.ca/~jackie/teaching/lectures/index.html#EECS4315_W23`

- The **course syllabus** is posted in the above lectures site.

Course Syllabus

Let's go over the *course syllabus*.

Need Accommodation?

- Please contact me via email as soon as possible, so we can make proper arrangements for you.
- We will work out a way for you to gain the most out of this course!

Becoming a Software Engineer

- How a real *software developer* works:
 - Programming *problems* are explained via the expected methods' *API* (input and output types) and some *use cases*, without visualization!
 - A set of *tests* must be *re-run automatically* upon changes.
 - Thinking *abstractly* without seeing changes on a physical device is an important skill to acquire before graduating.
- This course, like EECS2011, trains you for *programming interviews*.
 - In EECS2011, you think via *concrete* data structures.
 - In EECS3342/4315, you think via *abstract* machines (and math functions).

e.g., Watch *interviews at Google*: Given problems described in English, solve it on a whiteboard.

I attempt to record each lecture entirely:

- *Not meant to be a replacement for classes!*
- The purpose of recording is that you can focus on reaching *maximum comprehension*.
 - *Ask questions!*
 - Take (even *incomplete*) notes: they help when re-visiting lectures.
 - Review points which you need to *re-iterate* from the recordings.

General Tips about Studying in a University

- To do well, *inspiration* is more important than *perspiration*.
 - Hard work does not necessarily guarantee success, but no success is possible without *hard work*
- ⇒
- Don't be too satisfied just by the fact that you work hard.
 - Make sure you work hard both on *mastering “ground stuffs”* and, more importantly, on *staying on top of what's being taught*.
 - Go *beyond* lectures (e.g., look for more examples in other resources).
 - Be *curious* about why things work the way they do.
 - Always *reflect* yourself on *how things are connected* .

Index (1)

Instructor

If You Are Not Enrolled Yet

Mask Policy

Class Protocol

Writing E-Mails to Your Instructor

Course Information

Required Study Materials

Course Syllabus

Need Accommodation?

Becoming a Software Engineer

Study Tips

Index (2)

General Tips about Studying in a University